Honeywell

AQ25042B RelayPLUS Zone Synchronizing Boiler Control

System commissioning date: ____

Customer:

Building address:

INSTALLATION JOB RECORD

INSTRUCTIONS:

Fill in the details of the equipment connected to the control module and the zoning module: ${\bf A}$ Low voltage control module wiring

- A B
- Low voltage zone thermostats
- Low voltage zone valves with end switches or line voltage pumps
- CD

Line voltage Boiler pump and DHW device Review and set DIP switch settings - once the DIP switches for the control module (AQ15000B) and zoning module (AQ15540B) have been set, complete the "Installer Settings" diagrams by filling in the circles to indicate the DIP switch position set during installation. Е File this with other installation records for equipment used on this installation.

A Boiler Control Module

B Zoning Thermostats





E1 Boiler Control Module DIP Switch Settings (AQ15000B)

DIP Switch		Switch Description	Label	Factory Setting	Installer Setting
			AQ15000B Diagnostic Test	O Diagnostic O Test	O Diagnostic O Test
DHW	1	DHW Device: Pump or Valve	Pump Valve Off Priority Off O/Ride Off Purge Main	→●←] ᢓ	O = O
	2	DHW Priority: Off or Priority		⊵	O = O
	3	DHW Priority Override: Off or O/Ride (override)			$\begin{bmatrix} 0 - 0 \\ 0 - 0 \end{bmatrix}$
	4	Boiler post purge location: Off = zones only; Purge = DHW tank first, then zones			
Aux.	5	Aux output: Main = default; Group = group pump	Hain Group Main Bypass		$\overline{O-O}$
	6	Aux output: Main = default; Bypass = boiler bypass pump			$\overline{O-O}$
Mass	7	Load Mass: Lo = Low mass (baseboard); Hi = High mass (radiant slab)	Se Lo Hi MA N/A		
	8	Not used at this time	M23719A	M29043	M23715
					Fill in the circle to indicate position of DIP switch.

E2 Zoning Module DIP Switch Settings (AQ15540B)

DIP Switch	Switch Description	Label	Factory Setting	Installer Setting
1 2 3 4	 Zone Address: The positions of these 4 DIP switches define the unique address for each zone on the AQUATROL network. For each group of 4 zones, there can be only one DIP switch in the right hand (On) position. The correct DIP switch settings for each zone module are: First Zone (1-4) Module: 1 = ON position; 2, 3, & 4 = OFF position Second Zone (5-8) Module: 2 = ON position; 1, 3, & 4 = OFF position Third Zone (9-12) Module: 3 = ON position; 1, 2, & 4 = OFF position Fourth Zone (13-16) Module: 4 = ON position; 1, 2, & 3 = OFF position 		O Diagnostic O Test	O Diagnostic O Test
5	 If set to SYNC, zone synchronization is enabled. If set to NOT, zone synchronization is disabled. 	<u>1-4</u> جرع 5-8		$\frac{ O-O }{ O-O }$
6	 If zone valves are normally closed (N.C.), set the NC/NO DIP switch to the OFF position. If zone valves are normally open (N.O.), set the NC/NO DIP switch to the ON position. 	Sync Not N/C N/O - Group 1-Stg 2-Stg		$\begin{array}{c} \hline \Box = \Box \\ \hline \end{array}$
7	 If set to Group (ON position) the zone outputs are energized with the AUX pump*. If set to - (OFF position), the AUX Pump contacts are not affected by activity on these zones 			
8	 If set to 2-Stg (ON position), then 2-stage operation is activated on thermostat inputs. The zoning module operates as two 2-stage zones or 3 zones (one 2-stage and two 1-stage). If set to 1-Stg (OFF position), then operates as four 1-stage zones. 	M23720A	M34972	M23715 Fill in the circle to indicate position of DIP switch.

The AQ15000B Boiler Control Module DIP switch #5 must be set to GROUP position and DIP switch #6 must be set to MAIN position.

Automation and Control Solutions

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